|   | ex of Cl |  |
|---|----------|--|
| 9 |          |  |

| <br>Application No. | Applicant(s) |  |
|---------------------|--------------|--|
| 09/661,841          | TUBBS ET AL. |  |
| Examiner            | Art Unit     |  |
| Niketa I. Patel     | 2182         |  |

| √ | Rejected | ı |  |
|---|----------|---|--|
| = | Allowed  | ÷ |  |

| [- | (Through numeral)<br>Cancelled |
|----|--------------------------------|
|    | Restricted                     |

| N | Non-Elected  | A |
|---|--------------|---|
| I | Interference | О |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|            |  |                                       |                    |              |          |          | J        |          |          |          |    |
|------------|--|---------------------------------------|--------------------|--------------|----------|----------|----------|----------|----------|----------|----|
|            |  | <del></del>                           |                    |              |          |          |          |          |          |          |    |
| Cla        |  |                                       | _                  | _            |          | Date     | =        | r        |          | ı —      | l  |
|            | Original                                     | 11/12/04                              |                    |              |          |          |          |          |          |          | ŀ  |
| Final      | <u>.</u>                                     | 12/                                   |                    |              |          |          |          |          |          |          | ŀ  |
| ĬĪ.        | ٦  | 11/                                   |                    |              |          |          |          |          |          |          | l  |
|            | Ľ  | Ľ.                                    |                    | <u> </u>     | <u> </u> | _        |          | _        | _        | <u> </u> | l  |
|            | 1  | 1                                     | L_                 |              | <u> </u> |          |          |          |          | _        | l  |
|            | 2  | ٧                                     |                    |              | _        |          |          | L        |          | L        |    |
|            | 3  | 1                                     |                    |              | L        | _        |          |          | <u> </u> |          | l  |
|            | 2<br>3<br>4<br>5<br>6                        | 1                                     | L                  | <u> </u>     |          | _        | _        |          |          |          |    |
|            | 5  | 1                                     |                    |              |          |          |          |          |          | L        |    |
|            | 6  | 1                                     |                    |              |          |          |          |          |          | L        |    |
| L          | 7  | 1                                     |                    |              |          |          |          |          |          |          |    |
|            | 8<br>9                                       | 1                                     |                    |              |          |          |          |          |          |          |    |
|            | 9  | 4                                     |                    |              |          |          |          |          |          |          | ŀ  |
|            | 10   | 1                                     |                    |              |          |          |          |          |          |          |    |
|            | 11   | 1                                     |                    |              |          |          | Г        | _        |          |          |    |
|            | 12   | 1                                     |                    |              | Γ        | Γ        |          |          |          |          | ĺ  |
|            | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |                    |              |          |          |          |          |          |          | ĺ  |
|            | 14   | 1                                     |                    |              |          |          |          |          |          |          | ĺ  |
|            | 15   | 1                                     | Г                  |              |          | <u> </u> | Ι        |          |          | 1        | ĺ  |
|            | 16   | 1                                     |                    |              |          |          | _        | _        | _        | _        | ĺ  |
|            | 17   | 1                                     |                    |              |          |          | <u> </u> | <u> </u> |          |          | ĺ  |
|            | 18   | Ì                                     |                    |              | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | ĺ  |
|            | 19   | 1                                     |                    | $\vdash$     | $\vdash$ | $\vdash$ |          | $\vdash$ |          |          | ĺ  |
|            | 20   | j                                     |                    | $\vdash$     | $\vdash$ | ┢        | ┢        | $\vdash$ | _        | $\vdash$ | ١  |
|            | 20<br>21                                     | Ì                                     |                    | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |          | $\vdash$ | l  |
|            | 22   | Ė                                     |                    | -            | $\vdash$ | -        |          | $\vdash$ |          |          | ľ  |
|            | 22<br>23<br>24                               | -                                     |                    | -            | -        | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |    |
|            | 24   |                                       | H                  | $\vdash$     | $\vdash$ | $\vdash$ | ⊢        | $\vdash$ | $\vdash$ | ⊢        | l  |
|            | 25   |                                       |                    | _            | $\vdash$ |          | -        | $\vdash$ | $\vdash$ | -        | l  |
|            | 25<br>26<br>27                               | -                                     | H                  | <del> </del> | $\vdash$ | -        | -        | -        | $\vdash$ |          | ł  |
|            | 27   |                                       | $\vdash$           | $\vdash$     | $\vdash$ | -        | -        |          | $\vdash$ | $\vdash$ | ł  |
|            | 20   |                                       | $\vdash$           | $\vdash$     | $\vdash$ | _        | $\vdash$ |          | $\vdash$ | $\vdash$ | l  |
|            | 28<br>29                                     |                                       | -                  | ├─           |          | -        | ⊢        | $\vdash$ | ⊢        | $\vdash$ | l  |
|            | 30   |                                       | $\vdash$           | $\vdash$     | ⊢        | $\vdash$ | $\vdash$ | -        | ⊢        | $\vdash$ | l  |
|            | 30   |                                       |                    | _            | _        | _        | _        |          | $\vdash$ | ┝        | l  |
|            | 31   |                                       | H                  | $\vdash$     | $\vdash$ | $\vdash$ | ⊢        | ┝        | $\vdash$ | H        | l  |
|            | 32   |                                       | $\vdash$           | ┝            | ⊢        | ⊢        | -        |          | $\vdash$ | ⊢        | l  |
|            | 33<br>34                                     |                                       | -                  |              | _        | H        | H        |          |          |          | l  |
| -          | 34   |                                       | H                  | _            | _        | ⊢        | ┡        | ┡        | L        | ┡        | l  |
| <u> </u>   | 35   |                                       |                    |              | _        | _        | _        | _        | <u> </u> |          | l  |
| <b>├</b> ─ | 36<br>37<br>38                               |                                       | L                  |              | _        | _        | ┡        | _        | _        | _        | l  |
| $\vdash$   | 37   | _                                     | L                  | _            | ┡        | <u> </u> | ļ        | <u> </u> | <u> </u> | <u> </u> |    |
| <b>├</b>   | 38   |                                       |                    | _            | ┡        | _        | L        | <u> </u> | ┡        | L        | l  |
| <u> </u>   | 39   |                                       | L                  |              | _        | _        | _        | _        |          | _        |    |
| <u> </u>   | 40   |                                       | <u> </u>           |              | ļ        | _        | <u> </u> |          | ļ        | ļ        |    |
| $\vdash$   | 41   | <u> </u>                              |                    | _            | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L_       | <u> </u> |    |
| <u></u>    | 42   | <u> </u>                              | <u> </u>           | L            | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <b> </b> | <u> </u> |    |
| <u></u>    | 43   | <u> </u>                              | $oxed{oxed}$       | _            | <u> </u> | <u> </u> | <u> </u> | L        | <u> </u> | <u> </u> |    |
| <u></u>    | 44   | <u></u>                               |                    | L            |          |          | <u> </u> |          | L.       | <u> </u> |    |
|            | 45   | L.                                    |                    |              | L        | L        |          | L        | <u> </u> | <u> </u> | l  |
|            | 46   | L                                     | $oxedsymbol{oxed}$ |              |          | _        | _        |          | _        | L        | ١. |
|            | 47   |                                       |                    |              |          |          |          |          |          |          |    |
|            | 48   |                                       |                    |              |          |          |          |          |          |          |    |
|            | 49   |                                       |                    |              |          | L        |          |          |          |          |    |
|            | 50   |                                       |                    |              |          |          |          |          |          |          | 1  |

| Cla  | aim          | Date     |  |  |               |              |              |          |          |  |
|--|--------------|----------|--|--|---------------|--------------|--------------|----------|----------|--|
|  | =            |          |  |  |               |              |              |          |          |  |
| क  | Original     |          |  |  |               |              |              |          |          |  |
| Final  | .ଫୁ          |          |  |  |               | 1            |              |          |          |  |
| "  | Ιō           |          |  |  |               |              |              |          |          |  |
|  |              | _        |  | ╙  |               | _            | _            |          | <u> </u> | <u> </u>                                     |
|  | 51           |          |  |  |               |              |              |          |          |  |
|  | 52           |          |  |  |               |              |              |          |          |  |
|  | 53           |          |  |  |               |              |              |          |          | Г  |
|  | 54           | $\vdash$ | $\vdash$   | $\vdash$   | _             |              | _            | _        |          | $\vdash$                                     |
| ⊢  | 55           | $\vdash$ | $\vdash$   | $\vdash$   | -             |              | $\vdash$     | _        | ┝        | -  |
| <u> </u>   | 50           |          |  | ļ  | _             | <u> </u>     | _            |          | _        | ⊢  |
|  | 56           | _        | ļ  | ╙  |               |              |              |          |          | <u> </u>                                     |
|  | 57           |          |  |  |               |              |              |          |          | _  |
| 1  | 58           |          |  |  |               |              | ŀ            |          |          |  |
|  | 59           |          |  |  |               |              |              |          |          |  |
|  | 60           |          |  |  |               |              |              | _        |          | _  |
| $\vdash$   | 61           | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$      | $\vdash$     |              | _        | -        | ┢  |
| <u> </u>   | 60           | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$      | $\vdash$     | <u> </u>     | <u> </u> | ⊢        | <del> </del>                                 |
| <u> </u>   | 62           | <b> </b> | <u> </u>   | <u> </u>   | <u> </u>      | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | <u> </u>                                     |
| <u> </u>   | 63           |          | $ldsymbol{ld}}}}}}$ | ╙  | <u> </u>      | oxdot        | <u> </u>     | <u> </u> | oxdot    | <u> </u>                                     |
|  | 64           | L        | L  | L  | L             | L_           | L            | L_       | L        | L_   |
|  | 65           |          |  |  |               |              |              |          |          |  |
|  | 66           |          |  | Ι.   |               |              |              |          |          |  |
| <del>                                     </del> | 67           |          |  | -  | _             | $\vdash$     |              |          | $\vdash$ | $\vdash$                                     |
| ⊢—   | 60           | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$      | $\vdash$     | <del> </del> |          | ├─       | ├  |
| Ь  | 68           | _        | _  |  |               | _            |              |          | ╙        | <u> </u>                                     |
|  | 69           | L        |  | _  | L             |              |              |          | L        | _  |
|  | 70           |          |  |  |               |              |              |          |          |  |
|  | 71           |          |  |  |               |              |              |          |          |  |
|  | 72           |          |  |  |               |              |              |          |          |  |
| $\vdash$   | 72<br>73     |          | $\vdash$   | $\vdash$   |               |              | $\vdash$     |          | H        | $\vdash$                                     |
| ├—   | 74           | -        |  | -  | _             |              | -            | _        | -        | -  |
| <b>├</b>   | 74           | _        | _  | _  | _             | _            | _            |          |          | <u> </u>                                     |
|  | 75           |          |  |  |               | _            | _            |          |          | L  |
|  | 76           |          | L  |  |               |              | _            |          | L        |  |
|  | 77           |          |  |  |               | 1            |              |          |          |  |
|  | 78           |          |  |  |               |              |              |          |          |  |
|  | 79           |          |  |  |               |              |              |          |          |  |
|  | 80           | $\vdash$ | $\vdash$   | $\vdash$   | _             | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$                                     |
| -  | 00           | ⊢        | <u> </u>   | <u> </u>   |               | ┢            | ⊢            | _        | ┝        | ┝  |
|  | 81           | $\vdash$ | $\vdash$   | $\vdash$   | <u> </u>      | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$                                     |
| <u> </u>   | 82           | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>      | <u> </u>     | <u> </u>     | L_       | <u> </u> | <u> </u>                                     |
|  | 83           |          | <u> </u>   | <u> </u>   | <u> </u>      | <u> </u>     | _            | <u> </u> | <u> </u> | Щ  |
| <u></u>  | 84           | L        | L  | L  | L             | L            | L            | L        | L        | L  |
|  | 85           |          |  |  |               |              |              |          |          |  |
|  | 86           |          |  |  |               |              |              |          |          |  |
|  | 87           | $\vdash$ | $\vdash$   | H  | $\vdash$      | $\vdash$     |              |          | H        | $\vdash$                                     |
|  | <del>5</del> | -        | <del> </del> —   | ├一   | -             | $\vdash$     | $\vdash$     | <u> </u> | $\vdash$ | $\vdash$                                     |
| ⊢—   | 88           | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$      | $\vdash$     | $\vdash$     | <u> </u> | $\vdash$ | $\vdash$                                     |
|  | 89           |          | <u> </u>   | <u> </u>   | _             | <u> </u>     | <u> </u>     |          | <u> </u> | <u> </u>                                     |
|  | 90           | 匚        | $oxed{oxed}$   | 匚  | _             | <u>_</u>     | 匚            | _        | L        |  |
|  | 91           |          |  |  |               |              |              |          |          |  |
|  | 92           |          |  |  |               |              |              |          |          |  |
|  | 93           |          | _  |  | _             |              |              |          |          |  |
| $\vdash$   | 94           | Η-       | <del> </del>   | <del>                                     </del> | -             | <del> </del> | $\vdash$     | -        | -        | $\vdash$                                     |
|  |              |          | $\vdash$   | $\vdash$   | <u> </u>      | $\vdash$     |              | <u> </u> | $\vdash$ | $\vdash$                                     |
| <u> </u>   | 95           | _        | <u> </u>   | <u> </u>   | _             | <u> </u>     | $\vdash$     | ш        | <u> </u> | <u> </u>                                     |
|  | 96           | <u> </u> | <u> </u>   | <u>_</u>   |               |              | L.           |          | L        | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ |
| L  | 97           | L        | L  | L  |               | L            | L            |          | L        | L  |
|  | 98           | _        |  |  |               |              |              |          |          |  |
|  | 99           | _        | Т  | Т  | $\overline{}$ |              |              |          |          |  |
|  | 100          | $\vdash$ | $\vdash$   |  |               | $\vdash$     | _            | -        | Η-       | _  |
| 1  |              |          |  |  |               |              |              |          |          |  |

| Cla   | aim        | Date         |          |              |                              |   |              |          |              |                |
|-------|------------|--------------|----------|--------------|------------------------------|---|--------------|----------|--------------|----------------|
|       |            |              |          |              |                              |   |              |          |              |                |
| Final | Original   |              |          |              |                              |   |              |          |              |                |
|       | 101        |              |          |              |                              |   |              |          |              |                |
|       | 102        |              |          |              |                              |   |              |          |              |                |
|       | 103        |              |          |              |                              |   |              |          |              |                |
|       | 104        |              |          |              |                              |   |              |          |              |                |
|       | 104<br>105 |              |          |              |                              |   |              |          |              |                |
|       | 106        | _            |          | L            | L                            |   | <u> </u>     |          |              |                |
|       | 107        |              | L        | _            |                              |   | <u> </u>     |          | _            |                |
|       | 108        |              | _        | _            |                              |   |              |          | $oxed{oxed}$ | Ш              |
|       | 109        |              | <u> </u> |              |                              |   | L            | L        | Ш            |                |
|       | 110        |              |          | _            |                              |   | _            | _        |              |                |
|       | 111        | _            | _        | _            |                              | _   | <u> </u>     |          | L            |                |
|       | 112        | _            |          |              |                              | _   | _            |          |              |                |
|       | 113        | _            | _        | _            |                              |   | _            | <u> </u> |              |                |
|       | 114        | <u> </u>     | ⊢        | <u> </u>     | _                            | _   | ┡            |          | ┡            | Ш              |
|       | 115        | <u> </u>     | <u> </u> | <u> </u>     |                              |   |              | _        | <u> </u>     | Н              |
|       | 116        | <u> </u>     | _        | _            | _                            |   | ┝            |          | $\vdash$     | $\vdash$       |
|       | 117<br>118 | ļ            | -        | <u> </u>     | _                            | _   | ⊢            |          | <del> </del> | Н              |
|       | 119        | <u> </u>     |          | <u> </u>     |                              |   | ├            |          |              | -              |
|       | 119        | <del> </del> | $\vdash$ | <u> </u>     | <u> </u>                     | _   | <del> </del> | _        | ┝            | $\vdash\vdash$ |
|       | 120<br>121 | -            | _        | ⊢            | $\vdash$                     |   | H            | _        | H            | Н              |
|       | 122        |              | ⊢        | -            |                              |   |              | _        | ⊢            | Н              |
|       | 122        | <u> </u>     |          |              |                              |   | -            |          | $\vdash$     | $\vdash$       |
|       | 123<br>124 |              |          | <del> </del> | ⊢                            | _   |              |          | ├—           | $\vdash$       |
|       | 125        | -            |          |              | -                            |   | <del> </del> | _        | $\vdash$     | Н              |
|       | 126        | $\vdash$     |          |              | _                            | $\vdash$  | _            |          | $\vdash$     | Н              |
|       | 126<br>127 | -            | -        |              | ┝                            | <del>                                     </del>  | $\vdash$     | -        |              | $\vdash$       |
|       | 128        | ┢            | ┢        | -            |                              | <del> </del>  | -            | _        | ┢            | Н              |
|       | 128<br>129 |              |          |              | $\vdash$                     | $\vdash$  | _            |          | ┢            | Н              |
|       | 130        | $\vdash$     |          |              |                              |   |              |          | $\vdash$     | Н              |
|       | 131        |              |          |              |                              |   |              |          |              | H              |
|       | 131<br>132 |              |          |              | Н                            |   |              |          | _            | Н              |
|       | 133        |              |          |              |                              |   |              |          |              | П              |
|       | 134        |              |          |              |                              |   |              |          |              |                |
|       | 134<br>135 |              |          |              |                              |   |              |          |              |                |
|       | 136        |              |          |              |                              |   |              |          |              |                |
|       | 137        |              |          |              |                              |   |              |          |              |                |
|       | 138        |              |          |              |                              |   | Ĺ            |          |              |                |
|       | 139        |              |          |              |                              |   | L            |          |              | Ш              |
|       | 140        | <u> </u>     | _        | <u> </u>     |                              |   | <u> </u>     |          | <u> </u>     | Ш              |
|       | 141        |              |          |              |                              |   | _            |          | <u> </u>     |                |
|       | 142        |              | <u> </u> | L            |                              | L   |              |          | _            | Ш              |
|       | 143        | <u> </u>     | <u> </u> | _            |                              | $ldsymbol{ld}}}}}}$ | <u> </u>     |          | <u> </u>     | Ш              |
|       | 144        |              | L.       | L_           |                              | L_  | <u> </u>     | <u> </u> | <u> </u>     | Ш              |
|       | 145        | <u> </u>     | <u> </u> | <u> </u>     |                              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | ldash        | <u> </u> | $\Box$       | Щ              |
|       | 146        | _            | L.       | <u> </u>     |                              | Щ   | <u> </u>     |          |              | Щ              |
|       | 147        | <u> </u>     | L        | _            | L.                           | L.  | ļ            | L        | L_           | $\sqcup$       |
|       | 148        | Ш            | Щ.       | <u> </u>     | L_                           | oxdot   | <u> </u>     | L_       |              | Щ              |
|       | 149        | Щ            | لسا      | _            | $ldsymbol{ldsymbol{\sqcup}}$ | $\vdash$  | <u> </u>     | <u> </u> | Ш            | Щ              |
| L     | 150        | L            | L        | L_           | L_                           | L   | <u>L</u>     |          | L            |                |